

This project will investigate whether modern techniques such as machine learning and artificial intelligence could assist with the interrogation of the large amounts of data generated as a result of the growing numbers of intelligent devices installed on the network.

 Consumer vulnerability	 Net zero & energy system transition	 Optimised assets and practices	 Flexibility and commercial evolution	 Whole energy system
---	--	---	--	--

Benefits

-  Improved management of existing assets
-  Better understanding of today's capacity
-  Improved customer service
-  More efficient network reinforcement decisions
-  Improved investment plans

 Timescales	<p>Start: Oct 2018</p> <p>End: Oct 2021</p> <p>LIVE PROJECT</p>
--	--

 What next	<p>Data collection now underway and models have been produced to classify feeder types & produce a basic health assessment and to analyse tap changer data to detect anomalies. These models will continue to be trained and developed to ensure results are accurate.</p>
---	--

Contact: innovation@enwl.co.uk

www.enwl.co.uk/nia